

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Zauderer *et al.*

Appl. No. 10/052,942

Filed: January 23, 2002

For: **Methods of Producing or
Identifying Intrabodies in
Eukaryotic Cells**

Confirmation No. 1028

Art Unit: 1627

Examiner: Ponnaluri, P.

Atty. Docket: 1821.0090004/EKS/EJH/TAC

Information Disclosure Statement

Commissioner for Patents
Washington, D.C. 20231

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

The Examiner is referred to the following list of related, co-pending patent

Zauderer, M., is listed on the accompanying PTO-1449 forms as document **AR20**.

U.S. Provisional Patent Application No. 60/203,343, filed May 10, 2000, inventor Zauderer, M., *et al.*, is listed on the accompanying PTO-1449 forms as document **AS20**.

U.S. Patent Application No. 09/818,991, filed March 28, 2001, inventor Zauderer, M., is listed on the accompanying PTO-1449 forms as document **AT20**.

U.S. Patent Application No. 09/822,250, filed April 2, 2001, inventor Zauderer, M., is listed on the accompanying PTO-1449 forms as document **AR21**.

U.S. Patent Application No. 09/987,456, filed November 14, 2001, inventor Zauderer, M., is listed on the accompanying PTO-1449 forms as document **AS21**.

U.S. Patent Application No. 10/034,250, filed January 3, 2002, inventor Zauderer, M., is listed on the accompanying PTO-1449 forms as document **AT21**.

U.S. Patent Application No. 10/061,395, filed February 4, 2002, inventor Zauderer, M., *et al.*, is listed on the accompanying PTO-1449 forms as document **AR22**.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

[Signature]

mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Elizabeth J. Haanes, Ph.D.
Attorney for Applicants
Registration No. 42,613

Date: 11/1/01

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Washington, D.C. 20005-3934
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SKGF DCL 27227.1

FORM IT -144* INFORMATION LISTS, SUB STATEMENT	ATTY. LOUPEY N. L. 1821.108104	APPLICANT N. L. 1821.108104
	APPLICANT Zauderer et al.	
	FILING DATE January 23, 1999	CLASS 1821

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA2	5,881,809	12/22/1998	Marasco et al.	435	4.5	12/30/1998
	AB2	5,910,486	10/26/1999	Curiel et al.	514	44	06/06/1995
	AC2	5,919,650	12/08/1999	Barbacid et al.	435	69.1	04/22/1990
	AD2	5,958,071	09/28/1999	Glimcher et al.	435	4	04/23/1996
	AE2	5,965,371	10/12/1999	Marasco et al.	435	7	05/09/1995
	AF2	6,004,940	12/21/1999	Marasco et al.	514	44	12/06/1994
	AG2	6,028,059	02/22/2000	Curiel et al.	514	44	06/04/1996
	AH2	6,072,036	06/06/2000	Marasco et al.	530	387.3	04/06/1999
	AI2	6,074,640	06/13/2000	Curiel et al.	424	130.1	10/30/1997
	AJ2	6,083,502	07/04/2000	Pastan et al.	424	176.1	01/12/1996
	AK2	6,143,520	11/07/2000	Marasco et al.	435	69.1	04/15/1998

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL2	EP 0201184 B1	12/17/1986	Europe			Yes No
	AM2	EP 0239400 A1	04/30/1987	Europe			Yes No
	AN2	EP 0239400 B1	09/30/1987	Europe			Yes No
	AO2	WIPO 88/00000 A1	01/01/1988	WIPO			Yes No
	AP2	EP 0346684 A1	05/16/1990	Europe			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AL	1		Baker, R. L., and Witkop, D., "Yeast shuttle display for screening recombinant libraries," <i>Gene</i> , 1991, 107:1-11.
AM	2		Brown, R. L., "Expression of bacteriophage T4 RNA polymerase in avian and mammalian cells by a recombinant rhabdovirus," <i>J. Gen. Virol.</i> 67:1001-1006, The Society for General Microbiology, 1986.

EXAMINER	
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FORM 171-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. IN FET N.
1831.000.004APPLICATION N.
1831.000.004APPLICANT
Cauderer et al.FILING DATE
January 27, 1992GROUP
1.07

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA3	6,154,380	11/28/2000	Noian et al.	435	6	01/23/1997
	AB3	6,154,430	11/28/2000	Pastan et al.	435	325	11/17/1998
	AC3	6,159,947	11/12/2000	Schweighoffer et al.	514	44	12/28/1995
	AD3	6,180,357 B1	11/20/2001	Young et al.	435	7.23	10/08/1999
	AE3	20010003777 A1	06/14/2001	Young et al.	530	388.8	11/29/2000
	AF3	20010008789 A1	07/19/2001	Marks, et al.	435	4	02/10/1999
	AG3	20010009665 A1	07/26/2001	Young et al.	424	155.1	11/29/2000
	AH3	6,291,158 B1	09/18/2001	Winter, G.P. et al.	435	6	08/21/1992
	AI3	6,291,159 B1	09/18/2001	Winter, G.P. et al.	435	6	08/21/1992
	AJ3	6,291,161 B1	09/18/2001	Lerner, R.A. et al.	435	6	09/04/1992
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL3	EP 0371998 B1	06/13/1990	Europe			Yes No
	AM3	WO 90/14430	11/19/1990	WIPO			Yes No
	AN3	WO 90/14443	11/19/1990	WIPO			Yes No
	AO3	WO 90/20791	11/04/1990	WIPO			Yes No
	AP3	WO 94/02610	02/03/1994	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AP	1	Chen, S.-Y., et al., "Combined intra- and extracellular immunization against human immunodeficiency virus type-1 infection with a fusion protein," <i>Proc. Natl. Acad. Sci. USA</i> 91:1000-1004, National Academy of Sciences, 1994
	AM	1	Chen, S.-Y., et al., "Intracellular Antigen Induces a New Class of Therapeutic Molecules for Gene Therapy," <i>Human Gene Therapy</i> 6:185-191, Mary Ann Liebert, Inc., 1994

EXAMINER:

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. IN RET. NO. 1211.0181.04	APPLICATION NO. 10,011,841
	APPLICANT Gauderer et al.	
	FILING DATE January 23, 2001	GROW 1220

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL4	WO 97/08320	03/06/1997	WIPO			Yes No
	AM4	WO 99/14353	03/25/1999	WIPO			Yes No
	AN4	WO 99/25801	03/25/1999	WIPO			Yes No
	AO4	WO 00/69907	11/24/2000	WIPO			Yes No
	AP4	WO 01/72995 A2	10/04/2001	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AP	1	Davies, J. and Friedman, L., "Immunological treatment of NME patients with 'live' virus," <i>APB</i> 1994, 1994, 11/19/94, 11/19/94, 11/19/94, 11/19/94.	
AP	1	Davies, J. and Friedman, L., "Antibody by OH-Strains as Oral Bacterial Vaccine," <i>Antibody by OH-Strains as Oral Bacterial Vaccine</i> , <i>Nature America</i> , Inc. 1994.	

EXAMINER	
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P. RM. FT. -1449 INFORMATION DISCLOSURE STATEMENT	ATTY. IN FEE NO. 1621,019,004	APPLICATION NO. 12,450,945
	APPLICANT Cauderer et al.	
	FILING DATE January 18, 2000	CLASS 1627

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL5	CA 1,341,235	05/22/2001	Canada			Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AI			Finney-Stearns, C., et al., "Cytoplasmic expression system based on constitutive synthesis of protein kinase C RNA polymerase II transactivator," <i>Proc. Natl. Acad. Sci. USA</i> 97:10400-10405 (2000).
AP			Ernst, W., et al., "Direct cloning of the Antennapedia gene from the Drosophila melanogaster genome," <i>Nucleic Acids Res.</i> 12:1040-1045 (1984).

EXAMINER	
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FORM IT-1444
INFORMATION DISCLOSURE STATEMENT

ATTY. COMPET. NO.
 18311-80004

APPLICATION NO.
 11-11,841

APPLICANT
 Sanderer et al.

FILING DATE
 January 23, 1993

ORIGIN
 1831

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AP	1	Field, R. and Wang, -F., "A novel method system for detecting and identifying..."
	AP	2	Field, R. and Wang, -F., "Anticipatory framework for detecting and identifying..."

EXAMINER

FORM ITJ-144 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1411.0080704	APPLICATION NO. 11,011,942
	APPLICANT Lauderer et al.	
	FILING DATE January 23, 2004	GROUP 1427

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AP	-		Gussow, L., et al., "Generating Binding Activities from Escherichia coli by Expression of a Repertoire of Random DNA-RNA Variable Libraries," <i>Proc. Natl. Acad. Sci. USA</i> 101:1244-1249, 2004.
AO	-		Hansen, J., et al., "Naturally occurring anti-HIV-1 gp120 binding chains," <i>Nature</i> 394:44-48, Macmillan Magazines, Ltd. 1991.
			Hansen, J., et al., "Naturally occurring anti-HIV-1 gp120 binding chains," <i>Nature</i> 394:44-48, Macmillan Magazines, Ltd. 1991.

EXAMINER	
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FORM PT-1444
INFORMATION DISCLOSURE STATEMENT

ATTY. REFERENCE NO.
16214-1444

APPLICATION NO.
17,111,742

APPLICANT
Sauderer et al.

FILING DATE
January 23, 2001

CLASS
1627

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AP	=	Holzer, G.W., et al., "Construction of a Vaccinia Virus Deficient in the Pseudocapsid LNA Region Encoded by the LNA Glycoprotein Gene," J. Virol. 71:1141-1146, American Society for Microbiology 1997
	AP	=	Holzer, G.W., et al., "Highly Efficient Infection of Infectious Immunocytes by a Vaccinia Virus Vector Expressing an Interferon Gene," J. Virology 71:1471-1476, American Society for Microbiology 1997

EXAMINER

FORM 11-144
INFORMATION DISCLOSURE STATEMENT

ATTY. IN FET N.
1-21-14-14

APPLICATION N.
1-11-14-14

APPLICANT
Lauderer et al.

FILING DATE
January 13, 2000

GROUP
1027

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AP	1	Hynd, T.J., et al., "Instructional Procedures for Using a Computer to Simulate a Human Heart," U.S. Pat. No. 5,111,111, 1992.
	AP	1	Hynd, T.J., et al., "Instructional and Simulating DNA Libraries in April and April," In: DNA Libraries Vol. 1, A Practical Approach, Glover, D.M., ed., IRL Press, Oxford, pp. 1-10, 1992.

EXAMINER:

FORM PT-1440 INFORMATION DISCLOSURE STATEMENT	AUTH. INVENT. NO. 1441,180,114	APPLICATION NO. 1-11,142
	APPLICANT Gaubier et al.	
	FILING DATE January 13, 1962	SP. NO. 1441

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AP	1	Korman, T., et al., "Efficient screening of intraviral RNA expression systems," <i>Proc. Natl. Acad. Sci. USA</i> 69:1111-1115, National Academy Press, 1972.
	AS	1	Korman, W.A., et al., "Isolation, intracellular expression, and activity of a human anti-human immunodeficiency virus type 1 glycoprotein-specific antibody," <i>Proc. Natl. Acad. Sci. USA</i> 70:1111-1115, National Academy Press, 1973.

EXAMINER:

FORM IT-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. REFERENCE NO. 1-211,009,000-4	APPLICATION NO. 10-15,841
	APPLICANT Cauderer et al.	
	FILING DATE January 18, 2001	DATE 1/18/01

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	A						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AA	II		Marks, J.D., et al., "By-passing Immunization: Human Antibodies from Yersinia enterocolitica phage infection," J. Biol. Chem. 274, 10411-10415, 1999.
AI	II		Marks, J.D., et al., "Identification and characterization of a human antibody gene cluster on chromosome 2p11.2: implications for human immunoglobulin gene organization and family-specific immune responses," Eur. J. Immunol. 29, 1041-1045, 1999.

EXAMINER	
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FORM PT-1448
INFORMATION DISCLOSURE STATEMENT

ATTY. SECRET NO.
16211-1801-4

APPLICATION NO.
11,111,141

APPLICANT
Ladobor et al.

FILING DATE
January 23, 2001

GRADE
1621

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AP	11	Merchinsky, M. and Moss, R., "Introduction of Foreign DNA into the Yeast <i>Saccharomyces cerevisiae</i> by Electroporation," <i>Journal of Molecular Biology</i> , Vol. 211, 1997.
	AP	11	Merchinsky, M., et al., "Isolation and Characterization of Yeast <i>Saccharomyces cerevisiae</i> Strains," <i>Journal of Molecular Biology</i> , Vol. 211, 1997.

EXAMINER

FORM IT-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. LOCKET NO. 14111-8704	APPLICATION NO. 11,111,141
	APPLICANT Gadde et al.	
	FILING DATE January 23, 2001	SPRINT 1001

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL	11	Miller, A.F., "Human gene therapy," <i>Science</i> , 251:1011, 1992.
	AM	12	Miller, A.F., et al., "The Genetic Therapy for Hemophilia B: A Human Gene Transfer," <i>Cell</i> , 77:1231-1235, 1994.

EXAMINER	
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FORM IT-144

INFORMATION DISCLOSURE STATEMENT

ATTY. LOCHET N. J.
12/11/1994APPLICATION NO.
11 11,842APPLICANT
Zander et al.FILING DATE
January 13, 1995GROUP
100

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AP	11	Mass, B., "Vaccinia Virus: A Tool for Research and Vaccine Development," Science 254: 1223, American Association for the Advancement of Science, 1992.
	AP	11	Kayama, H., et al., "High-Efficiency Cloning of Full-length cDNA," N. N. Will, et al., Eds., "The American Society for Microbiology," 1992.

EXAMINER

FORM PTO-144* INFORMATION DISCLOSURE STATEMENT	ATTY. & PET. N. O. 1241.124.04	APPLICATION NO. 12,411,841
	APPLICANT Cauderer et al.	
	FILING DATE January 23, 1994	SPRINT 1994

U. S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AA	12		Barney, L., et al., "The structure and function of the human brain," <i>Ann. Rev. Neurosci.</i> , 1994, 17, 1-10.
AB	13		Barney, L., et al., "A new method for the study of the human brain," <i>Ann. Rev. Neurosci.</i> , 1994, 17, 11-20.
AC	14		Barney, L., et al., "A new method for the study of the human brain," <i>Ann. Rev. Neurosci.</i> , 1994, 17, 21-30.

EXAMINER:	
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P. 01 17 -144-

INFORMATION DISCLOSURE STATEMENT

ATTN: 1. INVENT N. 1.
1921.200.004APPLICATION N. 1.
1.755,842AFFIDANT
Cauderer et al.FILING DATE
January 23, 2001GROUP
1001

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AP	10	Richardson, J.H., et al., "Phenotypic knockout of the high affinity human interleukin-1 receptor by intracellular single-chain anti-IL-1 receptor antibody," <i>Proc. Natl. Acad. Sci. USA</i> 98:10000-10005 (2001).
	AP	10	Richardson, J.H., et al., "Resolving human interleukin-1 receptor therapy," <i>Antibody Engineering</i> 10:100-105 (2001).
			Richardson, J.H., et al., "Resolving human interleukin-1 receptor therapy," <i>Antibody Engineering</i> 10:100-105 (2001).

EXAMINER:

10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

FILING DATE
January 23, 2001

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OVER EXHIBIT DOCUMENTS							
EXAMINEE INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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FOREIGN TRADING DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
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	AP						Yes No

	AB	<u>17</u>	Fixon, B.J., et al., "Insertion of IHA sequences at a unique restriction enzyme site confers immunogenicity on the vaccine adjuvant sheep erythrocyte (SE)," <i>Journal of Immunology</i> , 1991, 147, 10, 3107-3112.
	AC	<u>17</u>	Goldman, R., et al., "Immunization of murine Yersinia entered by a cellular Yersinia antigen," <i>Arch. Microb. Anal. Cell. Pathol.</i> , 1991, National Academy Press, 1991.
			Goldman, R., et al., "Immunization of murine Yersinia entered by a cellular Yersinia antigen," <i>Arch. Microb. Anal. Cell. Pathol.</i> , 1991, National Academy Press, 1991.

EXAMINER

FORM IT-1440 INFORMATION DISCLOSURE STATEMENT	ATTY. COUNSEL NO. 1431.18-114	APPLICATION NO. 11,112,141
	APPLICANT Zauderer et al.	
	FILING DATE January 23, 1977	SRONY 1977

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	A						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AL	20		Visintin, M., et al., "Selection of antibodies for intracellular function using a fluorescence-activated sorter," <i>Proc. Natl. Acad. Sci. USA</i> 74:1111-1115, National Academy of Sciences, 1977
AM	20		Watt, R.L., et al., "Binding properties of a protein are of single species of human variable chains encoded by a single gene," <i>Nature</i> 261:144-146, Macmillan Magazines, Ltd., 1976

EXAMINER	
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FPM 17-144 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 161119/14	APPLICATION NO. 161119/84
	APPLICANT Cauderer et al.	
	FILING DATE January 27, 1984	RECIPIE 1607

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	A						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AP	11	Winters, R. and Melstam, D., "Macrophage Interleukin-1," Nature Immunology, March 1984
	AP	12	Winters, R. et al., "Human GM-CSF-Mediated Effects of the Complementing INA and Purification of the Natural and Recombinant Interleukin-1," American Association for the Advancement of Science 1984

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FORM PT-1000 INFORMATION DISCLOSURE STATEMENT	ATTY. CLERK N. 12.1.19.04	APPLICATION N. 1.001.04.
	APPLICANT Sanders et al.	
	FILING DATE January 13, 1904	OFFICE 1000

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	A						Yes No
	AF						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AP	—	Dependent National U.S. Patent Application No. 1.001.04. Sanders et al., filed May 1, 1904.	
A	—	Provisional U.S. Patent Application No. 1.001.04. Sanders et al., filed May 1, 1904.	

EXAMINER	
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FORM PT-1440 INFORMATION DISCLOSURE STATEMENT	ATTY. IN FEE T. N. . 12/11/84	APPLICATION N. N. . 12/11/84
	APPLICANT Sander et al.	
	FILING DATE January 13, 1985	GROUP 1617

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AP	1	1	1. Improved Non-Industrial T.C. Patent Application N. N. 12/11/84, Sander, M., 12/11/84.			
	AP	1	1	1. Improved Non-Industrial T.C. Patent Application N. N. 12/11/84, Sander, M., 12/11/84, 12/11/84, 12/11/84.			

EXAMINER

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 200 million to 400 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

[illegible]

APPENDIX C

QUESTIONS TO ASK

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The number of transformed cells was determined by the number of colonies on the selective medium. The results are the mean of three independent experiments. Error bars represent standard deviation.

FILING DATE
January 23, 1964

GROUP
262

U.S. PATENT DOCUMENTS

OVER-ALL DOCUMENT							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

FOURTH TRIMESTER DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AP	---	Co-pending Non-Provisional U.S. Patent Application No. 11/141,460, filed Oct. 16, 2005, U.S. Pat. No. 7,011,460, filed July 4,
AP		

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